

DOCKETED

Docket Number:	25-EDAP-01
Project Title:	Energy Data Analysis Program
TN #:	261689
Document Title:	Presentation - Energy Data Analysis Program Public Presentation from 02-10-2025
Description:	N/A
Filer:	Kristine Banaag
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	2/11/2025 10:41:27 AM
Docketed Date:	2/11/2025



Energy Data Analysis Program

Public Presentation on Draft Program

Jason Harville, Director of Enterprise Data and Analytics

February 10, 2025



Agenda

- Welcome and Overview (5 min)
- Introductory Remarks by Commissioner Andrew McAllister (10 min)
- Presentation on Draft Energy Data Analysis Program (30 min)
- Discussion and Public Comment (remaining time)



Problem Statement

Governmental Entities (GE) need more detailed analyses

➤ But have difficulties getting data.

Energy Commission (CEC) has data

➤ But cannot give them confidential data.

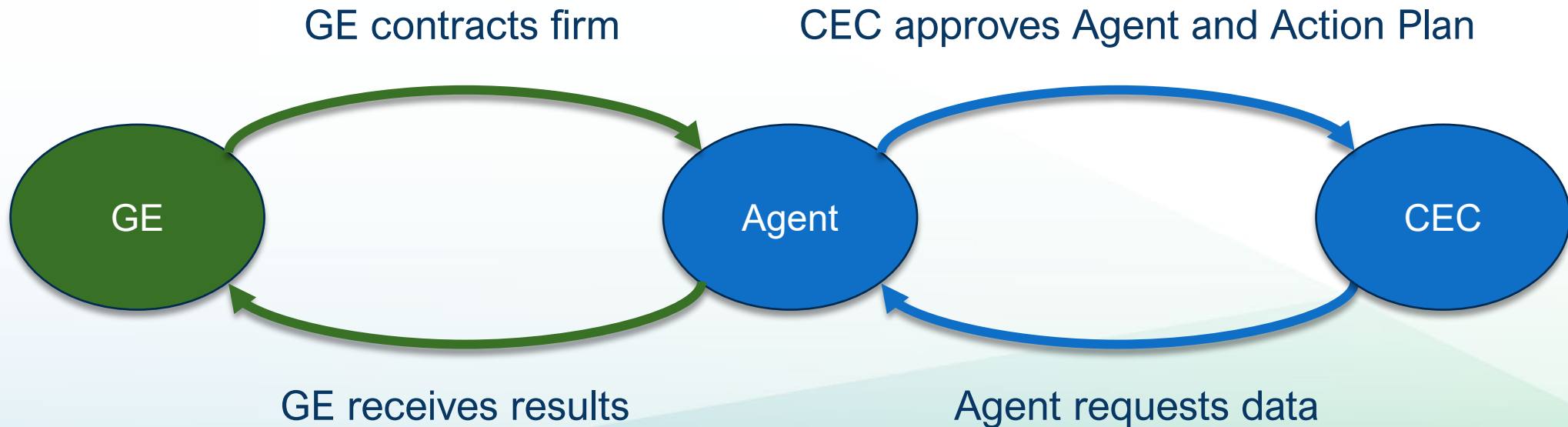
A solution: CEC facilitates analysis of confidential CEC data without transferring data or confidential results to the GE.



EDAP Overview

Energy Data Analysis Program (EDAP) allows a CEC-designated Agent to work with confidential CEC data on behalf of a GE while protecting privacy.

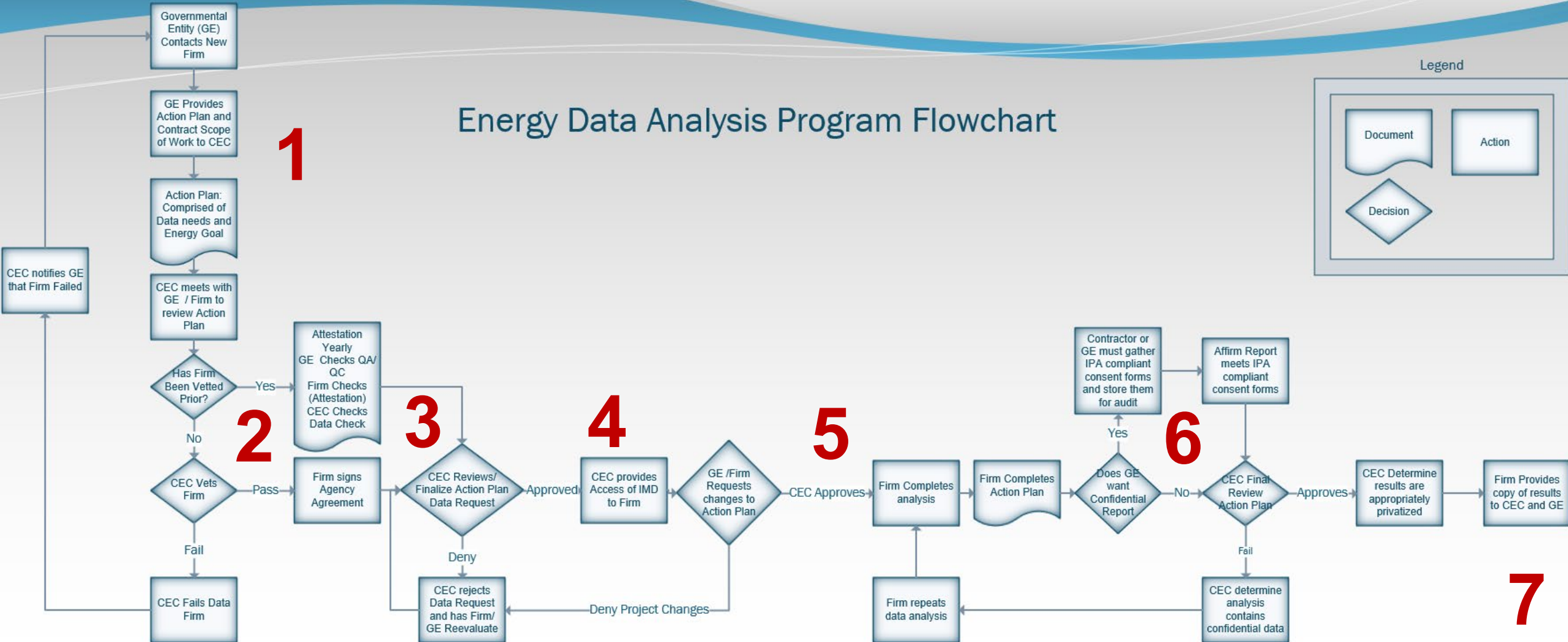
- GE selects and pays for analytics firm under their own contract
- CEC designates firm as an Agent and oversees confidential data handling
- GE receives non-confidential results without receiving confidential data





Process Flowchart

Energy Data Analysis Program Flowchart





1 Selecting a Firm

GE selects and contracts with an analytics firm of their choosing.

- GE responsible for scoping the analysis with the firm
- GE pays the firm according to their contract
- Firm must be designated an Agent for work to proceed
- GE does not need to be under contract for CEC to review scope of work or vet the firm to be an Agent



2 Designating an Agent

An Agent works with the authority of the Energy Commission and can receive confidential and personally identifiable information (PII).

To be designated an Agent under EDAP, a firm must first meet CEC standard contractual requirements for handling confidential data.

Additionally, CEC will evaluate four criteria

- Demonstrated compliance with industry-standard security frameworks
- Demonstrated ability to work with data of the proposed size
- Demonstrated subject-matter expertise
- Evaluation of prior data breaches while working with governments

Agent status must be renewed annually.



3 Action Plan

The Action Plan is a living document documenting project scope and data confidentiality. It contains three sections.

Data Request: a detailed description of the data needed from the CEC.

Results: a detailed description of the results to be released to the GE.

Methods: describes the project scope and enough methodological detail to demonstrate

1. The data requested is the minimal set of data needed.
2. The results are appropriately privatized.



4 Data Request

Data requests may contain confidential or PII data, but they must be scoped down to only what is needed for the work.

To the extent reasonably possible, they should contain only the

- Smallest amount of data needed
- Least-granular data needed
- Time periods, geographical regions, and customers needed



5 Analysis and Iteration

Agent analyses data per the scope of work but may not release anything to GE without CEC approval.

Substantive changes to scope and requests for additional data must be

1. Approved by CEC, and
2. Reflected in an updated Action Plan



6 Final Review

Before releasing results, the Agent and GE must work with CEC to confirm

- The Action Plan accurately documents the project scope and data/results transfers
- Non-confidential data to be released to the GE has been appropriately privatized
- Confidential data to be released to the GE meets CEC requirements for confidentiality exceptions
- How results will be securely released to GE and CEC



7 Results Released

Upon CEC approval, non-confidential results are released to the GE and CEC. Confidential results may be released only to the GE.

We encourage you to think creatively to maximize data utility while protecting privacy.

- For example: non-confidential results could be used for targeting customers to obtain data release consent, allowing for subsequent release of confidential results.



Protecting Privacy

Privacy is Paramount

- CEC's primary role in EDAP is ensuring privacy is protected
- The Agent and GE are responsible for demonstrating that all results are either appropriately privatized or meet requirements for releasing confidential data.

Currently, CEC is proposing two exemptions for confidential data release:

1. The data belongs to the GE. E.g. the results include data the entity has submitted to the CEC, or data they have given to the Agent.
2. The Agent and GE obtain consent for data release.



Resources and Comments

Documents available in docket 25-EDAP-01

- <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=25-EDAP-01>

Written comments due by 5:00 PM on February 24, 2025. See workshop notice (available in the docket above) for submission details.

Contact Jason Harville for technical or general inquiries.

- Phone: 916-216-9084
- Email: jason.harville@energy.ca.gov



Thank You!

